

Amendments to the Claims:

Please cancel claims 3-40 without prejudice to continued prosecution. The claims and their status are shown below.

1. (Original) A method of monitoring the proliferation of cultured prostate cancer cells in the presence of one or more NSAIDs, comprising:

contacting the prostate cancer cells with one or more NSAIDs; and

determining the level of expression, the transactivating ability, and/or the IL6-mediated activation of an androgen receptor,

wherein a decrease in the expression, the transactivating ability, and/or the IL6-mediated activation of the androgen receptor indicates an inhibitory effect by the NSAID on the proliferation of the prostate cancer cells.

2. (Original) The method of claim 1, wherein the one or more NSAIDs is celecoxib and/or nimesulide.

3-40. (Canceled)